

ABSTRACT OF THE DISCLOSURE

In an apparatus for the purification of a gas which apparatus comprises three-conduit section, that is,

1. a ionization and cleaning section in which the particles contained in water-saturated air are ionized and then conducted through a chamber with grounded walls so that part of the particles are deposited on these walls,
4. an additional cleaning section which includes grounded tubes past which the gas is conducted to remove additional charged particles and,
5. a filter section in which dry remaining fine particles are removed from the gas stream.

The deposited particles are flushed from all three sections and the flushing water including the particles is cleaned and recycled.